

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS—Continued

LATE REPORT FOR DECEMBER 1941

District and station	Elevation of instruments			Pressure			Temperature of the air										Mean wet thermometer	Mean temperature of the dew-point	Mean relative humidity	Precipitation			Wind				Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month	Thunderstorms
	Barometer above sea level	Thermometer above ground	Anemometer above ground	Station, reduced to mean of 25 hours	Sea level, reduced to mean of 24 hours	Departure from normal	Mean max. + mean min. +2	Departure from normal	Maximum	Date	Mean maximum	Minimum	Date	Mean minimum	Greatest daily range	Total				Departure from normal	Days with 0.01 inch or more	Average hourly velocity	Prevailing direction	Maximum velocity									
																								Miles per hour	Direction	Date							
Barrow, Alaska.....	<i>Ft.</i> 25	<i>Ft.</i> 4	<i>Ft.</i> 27	<i>In.</i> 29.72	<i>In.</i> 29.74	<i>In.</i> -----	° F. -4.8	° F. +6.9	° F. 19	8	° F. 1	° F. -33	21	° F. -1	° F. 24	° F. -5	° F. -7	% 90	<i>In.</i> .22	<i>In.</i> .0	9	<i>Miles</i> 16.9	e.	54	e.	29	10	6	15	5.9	4.2	6.0	

LATE REPORT FOR FEBRUARY 1942

Barrow, Alaska....	25	4	27	30.07	30.08	-----	-9.5	+7.1	14	16	-3	-32	9	-16	23	-9	-11	90	.15	.0	7	13.8	e.	36	se.	14	6	8	14	6.7	1.2	9.0
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LATE REPORTS FOR MARCH 1942

Alaska																																
Anchorage	135	36	47	29.45	29.60	-----	25.4	+1.6	46	28	32	-1	22	18	26	24	19	72	0.45	-0.1	6	6.5	n.	27	s.	5	6	6	19	7.2	4.4	2.0
Barrow	25	4	27	29.72	29.74	-----	-4.8	+6.9	19	8	1	-33	21	-1	24	-5	-7	90	.22	.0	9	16.9	e.	54	e.	29	10	6	15	5.9	4.2	6.0
Bethel	22	5	32	29.58	29.62	-----	10.2	-1.8	35	24	21	-23	17	-1	51	11	5	72	.69	-1	10	n.	19	e.	9	7	15	6.3	8.4	6.3		
Fairbanks	484	11	87	29.20	29.75	-----	8.1	-1.5	39	5	24	-28	21	-8	49	9	8	73	29	-4	6	4.8	e.	19	e.	9	8	15	6.1	4.2	9.4	
Ketchikan	75	69	85	29.82	29.84	-----	39.5	+1.6	60	30	45	23	23	34	19	37	33	77	15.25	+3.	25	6.5	se.	28	se.	1	0	3	28	9.1	6.1	0
Nome	43	25	51	29.68	29.68	-----	7.5	-1.2	28	9	15	-20	17	0	24	-----	74	.76	-1	11	-----	ne.	36	e.	23	8	5	18	-----	8.3	21.3	

¹ Data are airport records.
² Barometric data (adjusted to old city elevation) and hygrometric data from airport; otherwise city office records.
³ Observations taken bihourly.
⁴ Pressure not reduced to a mean of 24 hours.

⁴ Barometric data from airport records, other data from city office records.
⁵ Wind, clear, partly cloudy, and cloudy data from city office records, other data from airport.

NOTE.—Except as indicated by notes 1, 2, 5, and 6, data in table are city office records.

SEVERE LOCAL STORMS, APRIL 1942

[Compiled by Mary O. Souder]

The table herewith contains such data as has been received concerning severe local storms that occurred during the month. A revised list of tornadoes will appear in the United States Meteorological Yearbook]

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Santa Fe, N. Mex., vicinity of Minnesota, southwestern Counties.	5	5	-----	-----	\$1,000 5,000	Heavy rain..... Sleet and glaze....	Loss to the Park View Hatchery. Damage to overhead wire systems.
Boonsville, Tex.	6	2 p. m.	-----	0	-----	Tornado	Several buildings demolished; no estimate of damage given.
Alva, Okla.	6	5:30 p. m.	15	-----	25,200	Heavy hail and rain.	Storm moved from the northwest and hail fell over spotted portions of an area about 14 miles long. Some damage resulted from washing and flooding. Property damage, \$25,000; loss in wheat and barley, \$200.
Canton, Okla.	6	5:30-6 p. m.	13	-----	8,000	Hail.....	Storm moved from the southwest. Property damage, \$8,000; crop loss small; path 12 miles long.
Capron, Okla.	6	6 p. m.	14	-----	3,050	Hail and rain.....	Storm moved from the north. Property damage, \$2,000; loss to crops, \$50.
Eagle Pass, Tex.	6	6:15 p. m.	13	-----	260,000	Heavy hail and wind.	Crop loss, \$250,000; property damage from hail, \$5,000 and from wind, \$5,000.
Dimmit County, Tex., northern portion.	6	7 p. m.	12	-----	130,000	-----	Property damage, \$25,000; crop loss from hail, \$100,000, from wind, \$5,000.
Coleman, Tex., 15 miles south.	6	do.	12	-----	5,000	Straight-line-wind.	Property damaged.
San Angelo, Tex.	6	8:15 p. m.	15	-----	8,000	do.	Four airplanes in open flying field damaged.
La Pryor, Tex.	6	10:30 p. m.	3	-----	8,000	Heavy hail.....	Chief loss to crops.
Amarillo, Tex.	7-8	8 p. m. 7th-3 p. m., 8th.	-----	-----	65,000	Glaze.....	Principal loss to communication and power facilities; negligible loss to crops and livestock.
Tallulah, La., vicinity of	8	1-2 p. m.	70	-----	-----	Wind.....	Five mules killed, number of frame buildings destroyed, and 4 persons injured, none seriously.
Redwillow County, Nebr.	18	P. m.	-----	-----	-----	Heavy rain and local floods.	Flash floods in several creeks; highways and farmlands flooded; streets and basements flooded in Indianola and Bartley.
Morrison, Colo.	22	5:30 p. m.	33	-----	2,500	Wind.....	Portion of a flat timber roof of a schoolhouse ripped off; some damage to nearby residences by flying debris.
Albuquerque, N. Mex.	22	P. m.	-----	-----	-----	do.	2 planes demolished and 40 damaged; amount of loss not estimated.
Breckenridge, Tex.	23	2 p. m.	-----	1	3,000	Straight-line-wind.	Property damage.
Marlin, Tex.	23	7:30 p. m.	11	-----	4,000	do.	Utility lines and small buildings damaged.
Entrance to Columbia River	24	A. m.	-----	1	35,000	Wind.....	2 boats ran aground at 4 a. m.; a man drowned. Maximum velocity at North Head during the night of the storm, 40 miles per hour.
Eastland, Tex.	24	4:30 p. m.	1,320	-----	100,000	Heavy hail.....	Most of the damage to buildings and automobiles; crop loss small, but not estimated.
Taylor and Callahan Counties, Tex.	26	P. m.	13	-----	-----	do.	Property damage in thousands of dollars; crop loss negligible.
Nebraska, eastern portion....	27	11 a. m.-10 p. m.	100	-----	-----	Wind and dust....	A warehouse, under construction by the U. S. Army, at the Lincoln Municipal Airport wrecked, injuring 7 workmen and breaking several windows and a neon sign. Near Fort Crook, high wind and blowing dust caused accidents resulting in injury to 10 persons. In the vicinity of Falls City an oil well toppled, small buildings were damaged, trees uprooted, and 1 person injured. Near Lynch, outbuildings on 3 farms were damaged with minor loss in other localities. Throughout the eastern third of the State, considerable dust in the air reduced visibility somewhat, becoming dense locally.
Ortonville, Clinton, Graceville, and Dumont, Minn., and vicinity.	27	3:10 a. m.	-----	2	193,000	Tornado with heavy hail.	Property damaged; small loss to growing crops; 7 persons injured.

¹ Miles instead of yards.

SEVERE LOCAL STORMS APRIL 1942—Continued

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Pryor, Okla., and vicinity....	27	3:45 p. m....	440	50	2,300,000	Tornado and torrential rain.	The storm moved from the southwest and wrought widespread destruction. The center passed directly over the main portion of the city including the principal business section and its rotating winds were of sufficient violence to demolish dozens of frame and several brick buildings, including the First Baptist Church. Torrential rains accompanied the tornado and water knee deep surged down the main street. Communication and power lines were wiped out completely for a distance of 15 miles around Pryor and floodwaters interfered greatly with relief and rescue work and resulted in the necessary closing of some of the highways leading into the city. After leaving Pryor the tornado struck in a few spots northeast of the city, completely wrecking everything in its path. After the fury of the storm had subsided, several airplane loads of doctors and nurses were rushed from Tulsa and Muskogee to care for the injured. The State highway patrol officials took an active part in the rescue work, funds for which were made immediately available by the Governor and Federal officials. Hundreds of cars and trucks and several pushers and cranes were rushed to the scene by the U. S. Army and the Du Pont Powder Co., from the Federal munitions project a few miles south of the city to assist in the search for the dead and missing persons and in removing the debris and tearing down partially wrecked buildings with dangerous, leaning walls. A staff of American Red Cross officials were dispatched to the scene of the disaster to take charge of the rescue work. 192 injured persons required hospitalization; path 7 miles long.
Crowell, Tex.....	28	9:30 p. m....	1	11	1,500,000	Tornado.....	75 percent of damage within the city proper. 250 persons injured; no crop loss reported.
Santa Fe National Forest, N. Mex.....	29	-----	-----	-----	3,600	Wind.....	Lumber destroyed.
Santa Rosa, N. Mex.....	29	-----	-----	-----	-----	do.....	Property damaged.
Albuquerque, N. Mex.....	29	P. m.....	-----	-----	1,000	do.....	Property damaged.
Wallace, Nebr.....	29	do.....	440	0	5,000	Tornado.....	Farm buildings damaged or destroyed.
Kidder, S. Dak., vicinity of.....	29	7 p. m.....	-----	1	-----	do.....	Buildings damaged; 1 person killed and 4 injured on 1 farm with some damage to buildings on 2 other nearby farms. A funnel cloud observed; path narrow.
Butte and Anoka, Nebr.....	29	10 p. m.....	440	0	28,000	do.....	Buildings on 12 farms struck with some livestock killed. Other damage to buildings and trees.
Eads, Colo.....	30	2 a. m.....	100-2,200	4	50,000	do.....	Storm developed near McClave and traveled northeasterly for approximately 35 miles, destroying all buildings including a schoolhouse, granaries, and farm residences and uprooting trees in its path. 300 yards of Missouri-Pacific track wrecked. Some hail preceded the storm. 1,100 turkeys, 500 chickens, and 40 sheep killed.
Sayre, Okla.....	30	4 a. m.....	1	-----	500	Wind.....	Brick wall of a building blown over and several plate-glass windows broken, otherwise little damage resulted.
Airport, Clinton, Okla.....	30	5:15 a. m.....	30	0	9,000	Tornado.....	Hangar destroyed and 6 small airplanes stored there damaged. Storm then disappeared without causing further damage. Path 3 miles long.
Snyder, Okla.....	30	5:30 a. m.....	50	0	1,000	do.....	The storm approached from the southwest causing property damage over a path 800 yards long.
Castlewood, S. Dak.....	30	7:45 p. m.....	-----	1	-----	do.....	Several buildings wrecked; 1 person killed when timber from a wrecked barn was hurled through the window of a residence; path narrow.
Murdock, Minn., and vicinity.....	30	-----	-----	-----	3,000	Thundersquall.....	Property damaged.
South Dakota, eastern and southern portions.....	30	-----	-----	-----	-----	Heavy rain and high wind.	Traffic disrupted due to wash-outs weakening roadbeds. Lakes and small streams reached flood stage. Trees and signs blown down.

LATE REPORTS FOR MARCH, 1942

Erie, Pa.....	16	-----	-----	1	\$50,000	Rain.....	Streams rose, flooding roads. Highways and railroad tracks washed out causing delay in travel.
Minnesota, extreme southwestern counties.....	19-20	-----	-----	-----	50,000	Snow.....	Heavy, moist snow clung to wires and froze to wires, trees, and bushes. Beginning to form about 3 a. m., of the 20th, it remained on the wires about 36 hours. Much damage to trees and shrubbery. The moisture was very beneficial because of the unusually high water content which was badly needed.
Hanover, Pa., and vicinity.....	29	-----	-----	-----	15,000	do.....	Property damaged; minor loss to utilities.
Shippensburg, Pa.....	29	-----	-----	-----	20,000	do.....	Building collapsed.

¹ Miles instead of yards.